## Multifamily GreenPoint Checklist

The GreenPoint Rated checklist tracks green features incorporated into the home. The recommended minimum requirements for a green home are: Earn a total of 50 points or more; obtain the following minimum points per category: Community (6), Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (3); and meet the prerequisites B.1.a (50% construction waste diversion), A.8 (exceed Title 24 requirements by 15%), C.10.a (3-year subcontractor guarantee and 20-year manufacturer warranty for shingle roofing), and F.1 (incorporate Green Points checklist in blueprints).

Build It Green is a non-profit organization providing the GreenPoint Rated program as a public service. Build It Green encourages local governments to leverage program resources to support voluntary, market-based programs and strategies.

The green building practices listed below are described in greater detail in the Multifamily Green Building Guidelines, available at www.builditgreen.org/greenpoint-rated/guidelines

**Enter Total Conditioned Floor Area of the Project:** 

Enter Total Non-Residential Floor Area of Project: Percent of Project Dedicated to Residential Use 10,000



EN	ITER PROJECT NAME	Community	Energy	IAO/Health	Resources	Water
A.P	LANNING & DESIGN		Po	ssible Po	oints	
	1. Infill Sites					
	a. Project is Located Within an Urban Growth Boundary & Avoids Environmentally Sensitive Sites	1				
	b. Project Includes the Redevelopment of At Least One Existing Building				1	
0	c. Housing Density of 15 Units Per Acre or More (1 pt for every 5 u/a) Enter Project Density Number (In Units Per Acre)	10				
	d. Locate Within Existing Community that has Sewer Line & Utilities in Place	1				
	e. Project Redevelops a Brownfield Site or is Designated a Redevelopment Area by a City	1				
	f. Site has Pedestrian Access Within ½ Mile to Neighborhood Services (1 Pt for 5 Or More, 2 Pts for 10 Or More):					
	☐ 1) Bank ☐ 2) Place of Worship ☐ 3) Full Scale Grocery/Supermarket					
	☐ 4) Day Care ☐ 5) Cleaners ☐ 6) Fire Station					
	□ 7) Hair Care □ 8) Hardware □ 9) Laundry					
	☐ 10) Library ☐ 11) Medical/Dental ☐ 12) Senior Care Facility	2				
	□ 13) Public Park □ 14) Pharmacy □ 15) Post Office	~				
	☐ 16) Restaurant ☐ 17) School ☐ 18) After School Programs					
	☐ 19) Commercial Office ☐ 20) Community Center ☐ 21) Theater/Entertainment					
	☐ 22) Convenience Store Where Meat & Produce are Sold.					
	g. Proximity to Public Transit					
	Development is Located Within:					
	1/4 Mile of One Planned or Current Bus Line Stop	1				
	1/4 Mile of Two or More Planned or Current Bus Line Stops	1				
	1/2 Mile of a Commuter Train/Light Rail Transit System	1				
	h. Reduced Parking Capacity:					
	Less than 1.5 Parking Spaces Per Unit	1				
	Less than 1.0 Parking Spaces Per Unit	1				
	2. Mixed-Use Developments					
	a. At least 2% of Development Floorspace Supports Mixed Use (Non-Residential Tenants)	1				
	b. Half of Above Non-Residential Floorspace is Dedicated to Neighborhood Services	1				
l _	3. Building Placement & Orientation					
	a. Protect Soil & Existing Plants & Trees	1				
	4. Design for Walking & Bicycling					
	a. Sidewalks Are Physically Separated from Roadways & Are 5 Feet Wide	1				
	b. Traffic Calming Strategies Are Installed by the Developer	1				
	c. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	1				
	d. Provide Secure Bicycle Storage for 5% of Non-Residential Tenant Employees & Visitors	1				
l _	5. Social Gathering Places					
	a. Outdoor Gathering Places for Residents (Average of 50 sf Per Unit Or More)	1				
	b. Outdoor Gathering Places Provide Natural Elements (For compact sites only)	1				
_	6. Design for Safety and Natural Surveillance					
	a. All Main Entrances to the Building and Site are Prominent and Visible from the Street	1				
ΙП	b. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	1 1	1	1	1	1

EN	TER PROJECT NAME	Community	Energy	IAQ/Health	Resources	Water
	7. Landscaping					
	Check here if the landscape area is <10% of the total site area. Projects with <10% landscape area can cnly check up to 3 box	es in this :	section.			
	a. No Plant Species will Require Shearing				1	
	b. No plantings are Listed on the Invasive Plant Inventory by the California Invasive Plant Council				1	
	c. Specify Drought-tolerant California Natives, Mediterranean or Other Appropriate Species					1
	d. Create Drought Resistant Soils:					-
	i. Mulch All Planting Beds to a Depth of 2 Inches or Greater as Per Local Ordinance					1
	ii. Amend with 1 Inch of Compost or as per Soil Analysis to Reach 3.5% Soil Organic Matter  e. Design & Install High-Efficiency Irrigation System					1
	i. Specify Smart (Weather-Based) Irrigation Controllers					1
	ii. Specify Drip, Bubblers or Low-Flow Sprinklers for All Non Turf Landscape Areas					1
<u> </u>	f. Group Plants by Water Needs (Hydrozones) in Planting Plans & Identify Hydrozones on Irrigation Plans					1
	g. Minimize Turf in Landscape Installed by Builder					
	i. Do Not Specify Turf on Slopes Exceeding 10% or in Areas Less Than 8 Feet Wide					1
	ii. Less Than 33% of All Landscaped Area is Specified as Turf AND All Turf has Water Requirement <= To Tall Fescue					1
	8. Building Performance Exceeds Title 24 by at least 15%-Required					
	Enter the Percent Above the 2005 Version of Title 24 for Residential and Non-Residential Portions of the Project.					i
0%	a. Residences: 2 Points for Every 1% Above 2005 T24		_			
0%	b. Non-Residential Spaces: 2 Points for Every 1% Above 2005 T24	Ì	0			
	9. Cool Site					
	a. At least 30% of the Site Includes Cool Site Techniques	1				
	10. Adaptable Buildings					
	a. Include Universal Design Principles in Units					
	50% of Units	1				
	80% of Units	1				
	b. Live/Work Units Include A Dedicated Commercial Entrance	1				
	11. Affordability					ļ
	a. A Percentage of Units are Dedicated to Households Making 80% or Less of AMI	- 1				
	10% of All Units 20%	1				
	30%	1				
	50% or More	1				
	b. Development Includes Multiple Bedroom Units (At least 1 Unit with 3BR or More at or Less Than 80% AMI)	2				
	a. Boroophilan maladaa mampia Badaaan amaa ( 11 adaa 1 ama 11 ama 12 11 ama					
B. SI	rework		Pos	ssible Po	ints	
	1. Construction & Demolition Waste Management					
	Divert a Portion of all Construction & Demolition Waste:					ĺ
	a. Required: Divert 50%				R	
	b. Divert 65%				2	
	c. Divert 80% or more				2	
	2. Construction Material Efficiencies					
	a. Lumber is Delivered Pre-Cut from Supplier (80% or More of Total Board Feet)				1	
_	b. Components of the Project Are Pre-Assembled Off-Site & Delivered to the Project					
	25% of Total Square Footage				2	
	50% of Total Square Footage				2	
	75% of Total Square Footage or More				2	
	3. Construction Indoor Air Quality (IAQ) Management Plan					
	a. An IAQ Management Plan is Written & Followed for the Project			2		
C SI	RUCTURE	l		ssible Po	ints	
U. 31	1. Recycled Aggregate		T U:	SIDIC TU	шо	
	a. Minimum 25% Recycled Aggregate (Crushed Concrete) for Fill, Backfill & Other Uses				1	
٣	Recycled Flyash in Concrete					
	a. Flyash or Slag is Used to Displace a Portion of Portland Cement in Concrete					
	20%				1	
	30% or More				1	

EN	TER PROJECT NAME	Community	Energy	AQ/Health	Resources	Water
	3. FSC-Certified Wood for Framing Lumber					
	a. FSC-Certified Wood for a Percentage of All Dimensional Studs:					ľ
	40%				2	
	70%				2	
	b. FSC-Certified Panel Products for a Percentage of All Sheathing (OSB & Plywood):					
	40%				1	
	70%				1	
l _	4. Engineered Lumber or Steel Studs, Joists, Headers & Beams					
	a. 90% or More of All Floor & Ceiling Joists				1	
	b. 90% or More of All Studs				2	
	c. 90% or More of All Headers & Beams				2	
	5. Optimal Value Engineering Framing					
	a. Studs at 24" Centers on Top Floor Exterior Walls &/or All Interior Walls				1	
	b. Door & Window Headers Sized for Load				1	
	c. Use Only Jack & Cripple Studs Required for Load				1	
	6. Steel Framing		_			
	a. Mitigate Thermal Bridging by Installing Exterior Insulation (At Least 1-Inch of Rigid Foam)		2			
	7. Structural Insulated Panels (SIPs) Or Other Solid Wall Systems					
	a. SIPs Or Other Solid Wall Systems are Used for 80% of All:					
	Floors		2		2	
	Walls		2		2	
	Roofs		2		2	
	8. Raised Heel Roof Trusses					
	a. 75% of All Roof Trusses Have Raised Heels		1			
	9. Insulation					
	a. All Ceiling, Wall & Floor Insulation is 01350 Certified OR Contains No Added Formaldehyde			1		
	b. All Ceiling, Wall & Floor Insulation Has a Recycled Content of 50% or More				1	
	10. Durable Roofing Options					
	a. Required: No Shingle Roofing OR All Shingle Roofing Has 3-Yr Subcontractor Guarantee & 20-Yr Manufacturer Warranty				R	
$\vdash$	b. All Sloped Roofing Materials Carry a 40-Year Manufacturer Warranty  11. Moisture Shedding & Mold Avoidance				1	
	a. Building(s) Include a Definitive Drainage Plane Under Siding				4	
	b. ENERGY STAR Bathroom Fans are Supplied in All Bathrooms, Are Exhausted to the Outdoors & Are Equipped with Control				1	
	c. A Minimum of 80% of Kitchen Range Hoods Are Vented to the Exterior			1	- '	
	12. Green Roofs			ı		
	a. A Portion of the Low-Slope Roof Area is Covered By A Vegetated or "Green" Roof					
	25%	2				2
	50% or More	2				2
	CON CO. HIGH					
D. SY	STEMS		Pos	ssible Po	ints	
5.01	1. Passive Solar Heating					
	a. Orientation: At Least 40% of the Units Face Directly South		2			
	b. Shading On All South-Facing Windows Allow Sunlight to Penetrate in Winter, Not in Summer		1			
	c. Thermal Mass: At Least 50% of the Floor Area Directly Behind South-Facing Windows is Massive		2			
	Radiant Hydronic Space Heating					
	a. Install Radiant Hydronic Space Heating for IAQ purposes (No Forced Air) in All Residences			2		
	3. Solar Water Heating					
	a. Pre-Plumb for Solar Hot Water		1			
	b. Install Solar Hot Water System for Preheating DHW		4			
	4. Air Conditioning with Advanced Refrigerants					
	a. Install Air Conditioning with Non-HCFC Refrigerants	1				
	5. Advanced Ventilation Practices	-				
	Perform the Following Practices in Residences:					i
	a. Infiltration Testing by a C-HERS Rater for Envelope Sealing & Reduced Infiltration		2			
	b. Operable Windows or Skylights Are Placed To Induce Cross Ventilation (At Least One Room In 80% of Units)		1	1		
	c. Ceiling Fans in Every Bedroom & Living Room OR Whole House Fan is Used		1			
	6. Garage Ventilation					
	a. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (Passive Ventilation Does Not Count)			1		

EN	TER PROJECT NAME	Community	rgy	AQ/Health	Resources	-ie
		Com	Energy	IAO/	Res	Water
	7. Low-Mercury Lamps					
	a. Low-Mercury Products Are Installed Wherever Linear Fluorescent Lamps Are Used				1	
	b. Low-Mercury Products Are Installed Wherever Compact Fluorescent Lamps Are Used				2	
	8. Light Pollution Reduction					
	a. Exterior Luminaires Emit No Light Above Horizontal OR Are Dark Sky Certified	1				
	b. Control light Trespass Onto Neighboring Areas Through Appropriate Fixture Selection & Placement	1				
	9. Onsite Electricity Generation					
	a. Pre-Wire for Photovoltaics & Plan for Space (Clear Areas on Roof & in Mechanical Room)				1	
_	b. Install Photovoltaics to Offset a Percent of the Project's Total Estimated Electricity Demand					
	10%	2	2			
	20%	2	2			
	30% or more	2	2			
	c. Educational Display is Provided in a Viewable Public Area	1				
l _	10. Elevators					
	a. Gearless Elevators Are Installed		1			
	11. ENERGY STAR® Appliances					
	a. Install ENERGY STAR Refrigerators in All Locations					
	ENERGY STAR-Qualified		1			
	ACEEE-Listed Refrigerators		1			
	b. Install ENERGY STAR Dishwashers in All Locations					
	All Dishwashers Are ENERGY STAR-qualified		1			
	Residential-grade Dishwashers Use No More than 6.5 Gallons Per Cycle		1			1
	c. Install ENERGY STAR Clothes Washers In All Locations		1			2
	d. Install Ventless Natural Gas Clothes Dryers in Residences			1		
	12. Central Laundry					
	a. Central Laundry Facilities Are Provided for All Occupants				1	
	13. Water-Efficient Fixtures	_				
	a. All Showerheads Use 2.0 Gallons Per Minute (gpm) or Less		1			1
	b. High-Efficiency Toilets Use 1.28 gpf or Less or Are Dual Flush					
	In All Residences					3
	In All Non-Residential Areas					3
	c. Install High Efficiency Urinals (0.5 gpf or less) or No-Water Urinals Wherever Urinals Are Specified:					
	Average flush rate is 0.5 gallons per flush or less					1
	Average flush rate is 0.1 gallons per flush or less					1
	d. Flow Limiters Or Flow Control Valves Are Installed on All Faucets					
	Residences: Kitchen - 2.0 gpm or less		1			1
	Non-Residential Areas: Kitchen - 2.0 gpm or less		0			0
	Residences: Bathroom Faucets- 1.5 gpm or less		1			1
	Non-Residential Areas: Bathroom Faucets - 1.5 gpm or less		0			0
	e. Non-Residential Areas: Install Pre-Rinse Spray Valves in Commercial Kitchens - 1.6 gpm or less					1
	14. Source Water Efficiency					
	a. Use Recycled Water for Landscape Irrigation or to Flush Toilets/Urinals					2
	b. Use Captured Rainwater for Landscape Irrigation or to Flush 5% of Toilets &/or Urinals					4
	c. Water is Submetered for Each Residential Unit & Non-Residential Tenant					4
E. FU	NISHES AND FURNISHINGS		Pos	ssible Po	ints	
	Construction Indoor Air Quality Management					
	a. Perform a 2-Week Whole Building Flush-Out Prior to Occupancy			1		
	2. Entryways					
	a. Provide Permanent Walk-Off Mats and Shoe Storage at All Home Entrances			1		
	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas			1		
	3. Recycling & Waste Collection					
	a. Residences: Provide Built-In Recycling Center In Each Unit				2	
	Entertaine to the Bank in the Johns in Education				~	

EN	TER PROJECT NAME	Community	Energy	IAQ/Health	Resources	Water
	4. Use Low/No-VOC Paints & Coatings					
	a. Low-VOC Interior Paints (<50 gpl VOCs (Flat) and <150 gpl VOCs (Non-Flat))					
	In All Nep Residential Areas			1		
	In All Non-Residential Areas:			0		
	b. Zero-VOC: InteriorPaints (<5 gpl VOCs (Flat)) In All Residences			1		
	In All Non-Residential Areas:			0		
	c. Wood Coatings Meet the Green Seal Standards for Low-VOCs			U		
	In All Residences			2		
	In All Non-Residential Areas:			0		
	d. Wood Stains Meet the Green Seal Standards for Low-VOCs					
	In All Residences			2		
	In All Non-Residential Areas:			0		
	5. Use Recycled Content Exterior Paint					
	a. Use Recycled Content Paint on 50% of All Exteriors				1	
	6. Low-VOC Construction Adhesives					
	a. Use Low-VOC Construction Adhesives (<70 gpl VOCs) for All Adhesives			1		
	7. Environmentally Preferable Materials for Interior Finish Use Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed Lumber, C) Rapidly Renewable	D) Recy	cled-Cont	ent or E)	Finger-Jo	inted
	a. Residences: At Least 50% of Each Material:				ŭ	i
	i. Cabinets				1	
	ii. Interior Trim				1	
	iii. Shelving				1	
	iv. Doors				1	
	v. Countertops				1	
	b. Non-Residential Areas: At Least 50% of Each Material:					
	i. Cabinets				0	
	ii. Interior Trim				0	
	iii. Shelving				0	
	iv. Doors				0	
	v. Countertops				0	
	8. Reduce Formaldehyde in Interior Finish Materials Reduce Formaldehyde in Interior Finish Materials (Section 01350) for At Least 50% of Each Material Below:					
	a. Residences:					
	i. Cabinets			1		
	ii. Interior Trim			1		
	iii. Shelving			1		
	iv. Subfloor			1		
	b. Non-Residential Areas:			-		
	i. Cabinets			0		
	ii. Interior Trim iii. Shelving			0		
	iv. Subfloor			0		
	9. Environmentally Preferable Flooring			U		
	Use Environmentally Preferable Flooring: A) FSC-Certified or Reclaimed Wood, B) Rapidly Renewable Flooring Materials, C) Rec Concrete as Finished Floor or E) Recycled-Content Carpet. Note: Flooring Adhesives Must Have <50 gpl VOCs.	ycled-Cor	ntent Cera	amic Tiles	, D) Expo	sed
	a. Residences:					i
	i. Minimum 15% of Floor Area				1	
	ii. Minimum 30% of Floor Area				1	
	iii. Minimum 50% of Floor Area				1	
	iv. Minimum 75% of Floor Area				1	
	b. Non-Residential Areas:					
	i. Minimum 15% of Floor Area				0	
	ii. Minimum 30% of Floor Area				0	
	iii. Minimum 50% of Floor Area				0	
	iv. Minimum 75% of Floor Area				0	
	10. Low-Emitting Flooring					
	a. Residences: Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum)			1		
	b. Non-Residential Areas: Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum)			0		

EN	TER PROJECT NAME	Community	Energy	IAQ/Health	Resources	Water
	11. Durable Cabinets					
	Install Durable Cabinets in All:					
	a. Residences				1	
	b. Non-Residential Areas				0	
	12. Furniture & Outdoor Play Structures a. Play Structures & Surfaces Have an Overall Average Recycled Content Greater Than 20%				1	
	b. Environmentally Preferable Exterior Site Furnishings				1	
	c. At Least 25% of All newly Supplied Interior Furniture has Environmentally Preferable Attributes			1	1	
	13. Vandalism Deterrence			ı		
	a. Project Includes Vandalism Resistant Finishes and Strategies	1				
	a. Froject filologies variation resistant rimsnes and Stategies	'				
F. OTI	HER		Pos	ssible Po	ints	
	1. Incorporate GreenPoint Checklist in Blueprints					
4	a. Required: Incorporate GreenPoint Checklist in Blueprints	Υ				
	2. Operations & Maintenance Manuals					
	a. Provide O&M Manual to Building Maintenance Staff		1			
	b. Provide O&M Manual to Occupants		1			1
	3. Transit Options					
	a. Residents Are Offered Free or Discounted Transit Passes	2				
_	4. Educational Signage					
	a. Educational Signage Highlighting & Explaining the Project's Green Features is Included	1				
	5. Vandalism Management Plan	- 4				
	a. Project Includes a Vandalism Management Plan for Dealing with Disturbances Post-Occupancy	1				
	<b>6. Innovation</b> : List innovative measures that meet the green building objectives of the Multifamily Guidelines. Enter up to a 4 Poir by local jurisdiction or GreenPoint rater.	nts in eac	h categor	y. Points v	will be eva	aluated
0	Innovation in Community: Enter up to 4 Points at left. Enter description here					
0	Innovation in Energy: Enter up to 4 Points at left. Enter description here					
0	Innovation in IAQ/Health: Enter up to 4 Points at left. Enter description here					
0	Innovation in Resources: Enter up to 4 Points at left. Enter description here					
0	Innovation in Water: Enter up to 4 Points at left. Enter description here					
Sum	nmary					
	Points Achieved from Specific Categories	0	0	0	0	0
	Current Point Total			0		
- 7 - N	Project has not yet met the recommended minimum requirements  - Total Project Score of At Least 50 Points  - Minimum points in specific categories: Community (6), Energy (30), IAQ/Health (5), Resources (6), Water (3)  - Required measures B.1a, C.10a, and/or F.1a					